

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-8 (cancelled).

9. (New) A device for measuring at least one of a viscosity of a fluid and a density of the fluid, the device comprising:

    a resonator capable of mechanical vibrations and capable of being brought into contact with the fluid; and

    an oscillator circuit including a first feedback network and a second feedback network.

10. (New) The device as recited in claim 9, wherein the first feedback network includes the resonator, the resonator functioning as a sensor as a frequency-determining element, and wherein the second feedback network includes a correction capacitance as a frequency-determining element.

11. (New) The device as recited in claim 9, further comprising:

    an amplifier having a first input, wherein a difference of an output of the first feedback network and an output of the second feedback network are supplied to the first input of the amplifier.

12. (New) The device as recited in claim 11, wherein the amplifier has an output, the amplifier output being connected to an input of the first feedback network and an input of the second feedback network.

13. (New) The device as recited in claim 12, wherein the amplifier output corresponds to a first output signal of the oscillator circuit.

14. (New) The device as recited in claim 13, further comprising:

an amplification regulating unit including an input, the amplifier output being connected to the input of the amplification regulating unit.

15. (New) The device as recited in claim 14, wherein the amplifier has a second input and the amplification regulating unit has an output, the output of the amplification regulating unit being connected to the second input of the amplifier.

16. (New) The device as recited in claim 14, wherein the output of the amplification regulating unit corresponds to a second output signal of the oscillator circuit.